



Louisville Metro Air Pollution Control District
850 Barret Avenue
Louisville, Kentucky 40204-1745



Permit No.: 37206-13-C

Plant ID 0870

Effective Date: [Click here to enter a date.](#) Expiration Date: [Click here to enter a date.](#) Permit Fee \$

GE Appliances
4000 Buechel Bank Road
Louisville, KY 40225

is authorized to construct the described process equipment by the Louisville Metro Air Pollution Control District. Authorization is based on information provided with the application submitted by the company and in accordance with applicable regulations and the conditions specified herein.

Process equipment description:

One (1) Cumberland 3250 57050-782 6,000 lb/hr plastic grinder, one (1) Hosokawa 60/140 CL 4,000 lb/hr plastic grinder, three (3) cyclones, and one (1) Kice VR60-10N baghouse to be installed in AP-5.

Applicable Regulation(s): 2.03, 2.16, and 7.08

Choose reference(s): N/A

Application No.

37099

Application Received 3/8/2013

Permit Writer:

Emily Tyler

{Manager}
Air Pollution Control Officer

Date Sent to Public Comment 4/18/2013

Date of Final Draft

4/17/2013

This permit covers only the provisions of Kentucky Revised Statutes Chapter 77 Air Pollution Control, the regulations of the Louisville Metro Air Pollution Control District (District) and, where appropriate, certain federal regulations. The issuance of this permit does not exempt any owner or operator to whom it has been issued from prosecution on account of the emission or issuance of any air contaminant caused or permitted by such owner or operator in violation of any of the provisions of KRS 77 or District regulations. Any permit shall be considered invalid if timely payment of applicable fees is not made after receipt of the statement of fees (SOF). The permit contains general permit conditions and specific permit conditions. General conditions are applicable unless a more stringent requirement is specified elsewhere in the permit.

General Conditions

- G1. The owner or operator of the affected facility covered by this permit shall notify the District of any process change, equipment change, material change, or change in method or hours of operation. This requirement is applicable to those changes that may have the potential for increasing the emission of air contaminants to a level in excess of the applicable limits or standards specified in this permit or District regulations.
- G2. The owner or operator shall obtain new or revised permits from the District when:
(See [District Regulation 2.16](#) for Title V sources. See [District Regulation 2.17](#) for FEDOOP sources. See [District Regulation 2.03](#) for other sources.)
- a. The company relocates to a different physical address.
 - b. The ownership of the company is changed.
 - c. The name of the company as shown on the permit is changed.
 - d. Permits are nearing expiration or have expired.
- G3. The owner or operator shall submit a timely application for changes according to G2. For minor sources only, the District does not require application for permit renewal. The District automatically commences the process of permit renewal for minor sources upon expiration. Timely renewal is not always achievable; therefore, the company is hereby authorized to continue operation in compliance with the latest District permit(s) until the District issues the renewed permit(s).
- G4. The owner or operator shall not be authorized to transfer ownership or responsibility of the permit. The District may transfer permits after appropriate notification (Form [100A](#)) has been received and review has been made.
- G5. The owner or operator shall pay the required permit fees within 45 days after issuance of the SOF by the District, unless other arrangements have been proposed and accepted by the District.
- G6. This permit allows operation 8,760 hours per year unless specifically limited elsewhere in this permit.

- G7. The owner or operator shall submit emission inventory reports as required by [Regulation 1.06](#).
- G8. The owner or operator shall timely report abnormal conditions or operational changes, which may cause excess emissions as required by [Regulation 1.07](#).
- G9. Unless specified elsewhere in this permit, the owner or operator shall complete required monthly record keeping within 30 days following the end of each calendar month.
- G10. If a change in the "Responsible Official" (RO) occurs during the term of this permit, the owner or operator shall provide written notification (Form [100A](#)) to the District within 30 calendar days of the date the RO change occurs.

Specific Conditions

S1. Standards (Regulation 2.03, section 5.1)

a. PM

- i. The owner or operator shall not allow PM emissions to exceed 7.09 lb/hr for the 6,000 lb/hr grinder. (Regulation 7.08, section 3.1.2)
- ii. The owner or operator shall not allow PM emissions to exceed 5.52 lb/hr for the 4,000 lb/hr grinder. (Regulation 7.08, section 3.1.2)

b. Opacity

The owner or operator shall not allow visible emissions to equal or exceed 20% opacity. (Regulation 7.08, section 3.1.1)

S2. Monitoring and Record Keeping (Regulation 2.03, section 5.1)

The owner or operator shall maintain the required records for a minimum of 5 years and make the records readily available to the District upon request.

a. PM

There are no compliance monitoring and record keeping requirements for this equipment. (See Comment 1)

b. Opacity

- i. The owner or operator shall perform a monthly visual inspection of the grinder and cyclone units to check the structural and mechanical integrity of the system for signs of damage, air leakage, corrosion, or other equipment defects and repair as needed. (See Comment 2)
- ii. The owner or operator shall maintain records, monthly, of the results of all visual inspections. Records of the results of any visual inspection shall include the date of the survey, the name of the person conducting the survey, whether or not damage was observed, and what, if any, corrective action was performed.

S3. Reporting (Regulation 2.03, section 5.1)

The owner or operator shall submit a semi-annual compliance report that includes the information in this section. All reports shall include the company name, plant ID number, and the beginning and ending date of the reporting period. The compliance report shall clearly identify any deviation from a permit requirement. The compliance reports shall be postmarked within 60 days following the end of each reporting period. (See Comment 3)

a. **Responsible Official Certification**

All compliance reports shall include the following certification statement per Regulation 2.16, section 3.5.11. If a change in the “Responsible Official” occurs during the term of this permit, the owner or operator shall provide written notification (Form [100A](#)) to the District within 30 calendar days following the date a change in the designated Responsible Official occurs for this facility.

- “Based on information and belief formed after reasonable inquiry, I certify that the statements and information in this document are true, accurate, and complete.”
- Signature and title of company responsible official.

b. **PM**

There are no compliance reporting requirements for this equipment.

c. **Opacity**

- i. Any deviation from the requirement to perform and record the results of each monthly visual inspection; and
- ii. The date of each visual inspection where damage was observed and the corrective action was taken.

Comments

1. A one-time compliance demonstration for this equipment was performed on 3/19/2013 and the lb/hr standard cannot be exceeded uncontrolled. Therefore, there are no monitoring, record keeping, and reporting requirements with respect to PM emission limits.
2. The visual inspection of the mechanical and structural integrity of the grinder and cyclone unit will ensure the opacity standard is not exceeded.
3. The semi-annual compliance reports are due on or before the following date of each calendar year:

<u>Report Description</u>	<u>Report Period</u>	<u>Report Due Dates</u>
1 st Semi-annual Report	January 1 through June 30	August 29
2 nd Semi-annual Report	July 1 through December 31	March 1 ¹

Notes¹: The date for leap years is February 29

4. STAR does not apply due to the plastic material not containing any TACs.
5. The construction permit fees are based on potential uncontrolled emissions of less than 50 tons per year, but greater than 10 tons per year of PM in accordance with Regulation 2.08, section 2.5.1.4.